



(INCHES) (INCHES) (INCHES) (IN<sup>2</sup>) (IN <sup>4</sup>) (INCHES) (PLF) 8' WIDE BEAMS NEXT 40 D 96.00 41.00 13.00 1763 258748 26.26 1836 NEXT 36 D 193181 23.79 96.00 37.00 13.25 1658 1727 NEXT 32 D 96.00 33.00 13.50 1551 138970 21.29 1616 NEXT 28 D 96.00 29.00 13.75 1442 95413 18.74 1502 10' WIDE BEAMS NEXT 40 D 120.00 41.00 13.00 1979 280397 27.37 2061 NEXT 36 D 120.00 37.00 13.25 1874 209138 24.79 1952

13.50

13.75

1767

1658

150285

22.17

103094 19.49 1727

1841

NEXT 32 D

120.00

120.00

33.00

29.00

WHEN THE TOP SURFACE OF ANY BEAMS ARE SUBJECT TO VEHICLE TRAFFIC PRIOR TO DIAMOND GRINDING AND LONGITUDINAL GROOVING, THE FOLLOWING NOTE SHALL BE ADDED:

THE TOP SURFACE OF PRESTRESSED CONCRETE UNITS SHALL RECEIVE A TRANSVERSE RAKE OR STIFF BROOM FINISH WITH AN AMPLITUDE OF 1/4".

BEAM OVERHANG PAST  $\mathbb{Q}$  BEARINGS =  $\frac{\text{BEARING LENGTH}}{2}$  + 1" (MIN.)

THE STEM WIDTH AND SPACING ARE FIXED.

PRESTRESSING STRANDS CUT FLUSH WITH THE END OF THE BEAM OR EXTENDED FOR INTEGERAL ABUTMENT APPLICATIONS SHALL BE PROTECTED AGAINST CORROSION BY THE APPLICATION OF ZINC PAINT IN ACCORDANCE WITH THE "REPAIR" PORTION OF THE NYS STANDARD SPECIFICATION SECTION 719.01. THE COST OF COATING THE STRANDS SHALL BE INCLUDED IN THE PRICE BID FOR THE BEAM ITEM.

REVISED	NEW YORK STATE OF OPPORTUNITY.	D	epartment of Transportation Office of Structures
	PRESTRESSED CONCRETE NEXT D BEAM TYPICAL SECTION & STRAND DETAILS		
ERRATA		I & STRAND DETAILS	
	APPROVED: 02/17/17 ORIGINAL SIGNED BY RICHARD_MARCHIONE,_P. DEPUTY CHIEF ENGINES (STRUCTURES)		ISSUED UNDER EB 17-010 EFFECTIVE WITH THE LETTING OF 09/01/17